

Name: \_\_\_\_\_

## Polygon Activity – Word Roots

We have been reviewing the words for different polygons. These words can be broken up into different parts – each of which means something. For example, “polygon” can be broken up into “poly-“, which means “many” and “-gon” which means “angles or sides.” When we put them together, we get “polygon,” a “many-sided figure.”

**Directions:** Look at the list of word root below. For each word root:

- tell what it means and what geometry word it appears in
- find another word that starts with this word root (use a dictionary if you can't think of one)
- write the definition of the word you found

1. **tri-**

Definition - \_\_\_\_\_

Geometry word it's in - \_\_\_\_\_

Another word that starts with this word root - \_\_\_\_\_

What does this word mean? \_\_\_\_\_

\_\_\_\_\_

2. **quad-**

Definition - \_\_\_\_\_

Geometry word it's in - \_\_\_\_\_

Another word that starts with this word root - \_\_\_\_\_

What does this word mean? \_\_\_\_\_

\_\_\_\_\_

3. **pent-**

Definition - \_\_\_\_\_

Geometry word it's in - \_\_\_\_\_

Another word that starts with this word root - \_\_\_\_\_

What does this word mean? \_\_\_\_\_

\_\_\_\_\_

4. **hex-**

Definition - \_\_\_\_\_

Geometry word it's in - \_\_\_\_\_

Another word that starts with this word root - \_\_\_\_\_

What does this word mean? \_\_\_\_\_

\_\_\_\_\_

5. **oct-**

Definition - \_\_\_\_\_

Geometry word it's in - \_\_\_\_\_

Another word that starts with this word root - \_\_\_\_\_

What does this word mean? \_\_\_\_\_

\_\_\_\_\_